

Design and Technology Vocabulary Progression Grid – OLSJ 2021/2022

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	
Design Make Evaluate	Design, draw, make, evaluate, user, purpose, ideas, design criteria, product & function		Design brief, design criteria, research, annotated sketch, make, prototype, & evaluate		Design brief, design specification, research, survey, prototype, annotated sketch, flowchart, cross-sectional sketch, make & evaluate		
Mechanisms	Mechanism Slider Slot Lever Fulcrum Pivot Push Pull Forward Backward Purpose	Mechanism Vehicle Wheel Axle Axle Holder Friction Chassis Moving Fixed Assemble Equipment	Mechanism Lever Pneumatics Motion Movement Force Input Output Syringe Piping	Mechanism Slider Slot Lever Pivot Linkage Bridge Linear Rotary Oscillating Input Output	Mechanism Cams Cams Shaft Shaft Crank Follower Slider Movement Linear Motion Rotary Motion	Mechanical System Gear Pulley Lever Cogs Axel Driver Follower Force Rotation	
Structures	Structures Freestanding Support Weight Strong Rigid Stable Base Materials Thin	Cut Fold Join Fix Weak Underneath Top Side Edge Thick	Corner Point Straight Curved Square Rectangle Triangle Circle Cube Cuboid	Structures Shell Structures Packaging Purpose Forces Style Font Durable Three-dimensional 3D shape Cube Cuboid Prism	Vertex Edge Face Length Width Breadth Capacity Marking out Tabs Folding Corrugating Font	Structures Frame Structures Rigid Beam Column Slab Joints Foundations Bracing	Horizontal Vertical Diagonal Triangulation Stability Temporary Permanent Reinforce

	Year 1	Year 2	Year 3	Year 4	Year 5 / Year 6
Textiles	<p>Fabric Template Mark out Join Decorate</p>	<p>Fabric Template Mark out Join Decorate Pattern Sew/ Stitch Thread Needle Running stitch</p>	<p>Fabric Sew/ Stitch Thread Needle Seam Wadding Running Stitch Whip Stitch Blanket Stitch</p>		<p>Fabric Mark out Join Thread Wadding Whip Stitch Seam Right Side Pinking Shears</p> <p>Template Pattern Sew/ Stitch Needle Running Stitch Blanket Stitch Seam Allowance Wrong Side Hem</p>
Electrical systems				<p>Simple Circuit Switch Current Short Circuit Bulb Battery Battery Holder Crocodile Clip Push-to-make-Switch Conductor Insulator</p>	

Food	<p>Healthy Diet</p> <p>Fruit and vegetable names</p> <p>Names of equipment and utensils</p> <p>Sensory vocabulary eg. soft, juicy, crunchy, sweet, sticky, smooth, sharp, crisp, sour & hard</p> <p>Skin, seed, pip & core</p> <p>Slicing, peeling, cutting, bridge grip & claw grip.</p> <p>Health & Safety</p>	<p>Healthy /Varied Diet</p> <p>Name of products</p> <p>Names of equipment, utensils, techniques and ingredients</p> <p>Texture, taste, sweet, sour, hot, spicy, appearance, smell, preference, greasy, moist, cook, fresh, savoury, hygienic, edible, grown, reared, caught, frozen, tinned, processed & seasonal,</p> <p>Health & Safety</p>	<p>Seasonality</p> <p>Name of Seasonal produce</p> <p>Names of equipment, utensils, techniques and ingredients</p> <p>Fat, sugar, carbohydrate, protein, vitamins, nutrients & nutrition.</p> <p>Gluten, dairy, allergy, intolerance,</p> <p>Sustainability</p> <p>Health & Safety</p>
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